"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

Socialist Construction in the Ural (Cont.) 951

Nirenburg, Ya.L. Restoration and Consolidation of Soviet Power in the Ural Region Following the Defeat of Kolchak (1919-1920) 43

Plotichkin, V.A. The Ural Party Organization in the Struggle to Restore the National Economy (1921-1925) 79

Kulikov, V.M. The Ural Party Organization in the Struggle for the Socialist Industrialization Policy (1926-1929) 110

Zuykov, V.N. Contributions to the History of the Creation of Ural Heavy Industry (1930-1932) 145

Zuykov, V.N. The Ural Party Organizations in the Struggle for the Victory of Collective Farming (1927-1934) 177

Nesterenko, M.S. Heroic Feats of Ural Workers During the Great Patriotic War 211

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

Samatov, V.A. Technological Advances in Ural Industries During the Fourth Five Year Plan (1946-1950) 244

Yemel'yanov, V.P. and Zinochkin, A.G. Organizational and Economic Strengthening of Kolkhozes in Sverdlovskaya Oblast'in the Postwar Period (1946-1955) 269

Minayev, L., and Cherezov, B. The Struggle for Greater Labor Productivity 314

Savin, A.G. Towards a Steep Rise in Farm Production 329

AVAILABLE: Library of Congress

Card 3/3

MM/fal
1-9-59

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

ACC NR: AR6029302 SOURCE CODE: UR/0271/66/000/006/B049/B049

AUTHOR: Buzunov, Yu. A.; Savis'ko, P. A.

TITLE: The use of asynchronous tristable parametrons in computer technology

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 6B369

REF SOURCE: Sb. Vopr. teorii elektron. tsifrovykh matem. mashin. Vyp. 8. Kiyev, 1965, 20-33

TOPIC TAGS: electron computer, computer component, computer switching, computer reliability, parametron

ABSTRACT: Basic relations are derived for inductive parametrons, and the following difficulties are noted in utilizing bistable parametrons: 1) 3—4 parametrons are required for a single trigger, 2) a one-cycle delay because the bistable parametrons are related to synchronous elements, and 3) stable characteristics are rigidly demanded as a result of which the number of inputs must be limited to 3—4. Most of the above shortcomings can be eliminated by using parametrons operating under the rigid conditions to represent 0's and 1's. It is also noted that the possibility of using a tristable parametron depends not only on the presence of a stable point but also on a simple and reliable control of its state. Methods of controlling the state of a tristable parametron are described. Tristable parametrons are studied at excitation frequencies extending from 1 kc into Mc units; they require 10—20 mw at 0—100 kc,

Card 1/2 UDC: 681.142.67:621.385

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

ACC NR: AR6029302

and 50 mw at 1—2 Mc. The logical possibilities of tristable parametrons are considered and a trigger circuit using such elements is presented. [Translation of abstract] 4 illustrations and bibliography of 1 title. N. P.

SUB CODE: 09

Card 2/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

ACC NR: AR6029301 SOURCE CODE: UR/0271/66/000/006/B046/B046

AUTHOR: Savis'ko, P. A.; Buzunov, Yu. A.

TITLE: The use of tristable parametrons in electroluminescent data display systems

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 6B350

REF SOURCE: Sb. Fiz.-tekhnol. vopr. kibernet. Seminar. Vyp. 1. Kiyev, 1965, 76-95

TOPIC TAGS: electron computer, data readout, real time data display, computer component, electroluminescence, parametron

ABSTRACT: The functional circuit of a data readout device is described, including its basic elements, their designations as well as requirements imposed on them. It is shown that the control of electroluminescent data display devices requires a large number of memory elements. The possibility of using inductive parametrons for this purpose is indicated. A preference is expressed for a tristable parametron. The amplitude of steady-state current is determined as a function of the basic parametron parameters. A control circuit is presented consisting of eight tristable parametrons. [Translation of abstract] 8 illustrations and bibliography of 3 titles. V. S.

SUB CODE: 09

Card 1/1 UDC: 681.142.623

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

ZINOV'YEVA, S.M.; BUZUNOVA, A.V.; RUBANOVA, L.F.

Work practice in industrial sanitation supervision by the Rostov-on-Don Municipal Station for Sanitation and Epidemiological Control. Gig.i san. no.11:45-47 N '53. (MLRA 6:10)

1. Rostovskaya-na-Domu gorodskaya sanitarno-epidemiologicheskaya stantsiya.
(Rostov-on-Don--Industrial hygiene)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

UNANOV, S.S.; MSTIBOVSKIY, S.A.; BUZUNOVA, L.V.; TRUCHEVICH, A.I.

Some results of epidemiological observations in conducting influenza vaccinations. Vop. Virus. 8 no.3:358-359 My-Je'63. (MIRA 16:10)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.

(INFLUENZA—PREVENTIVE INOCULATION)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

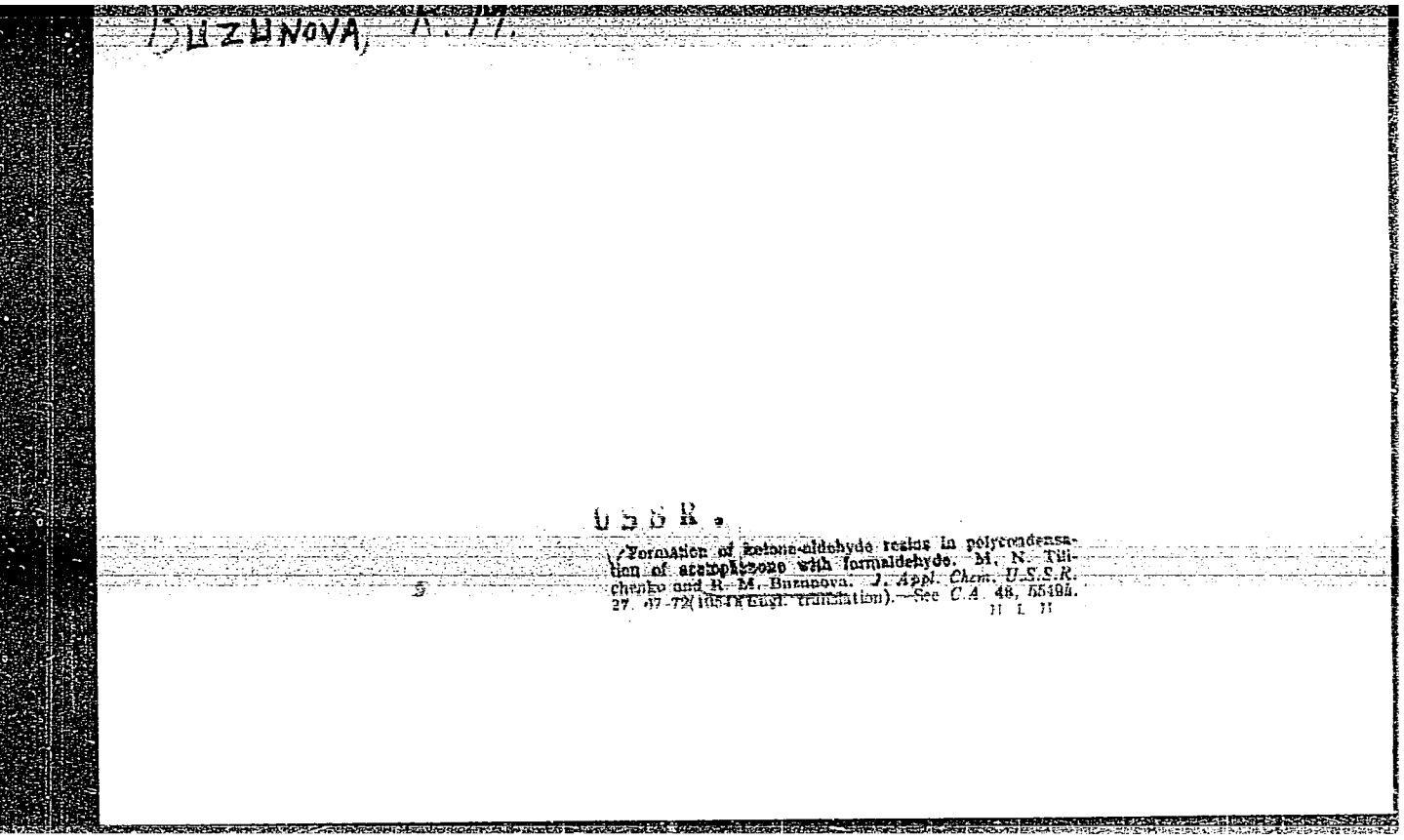
"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZUNOVA, R.

Poultry breeders of Talmenskiy. IUn.nat. no.5:12 '61.
(MIRA 14:4)
(Petushki (Novosibirsk Province)—Poultry breeding)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8



BUZUNOVA, R. M.

USSR

Formation of ketone-aldehyde resins in polycondensation of acetophenone with formaldehyde. M. N. Tikhenko and R. M. Buzunova. *J. Appl. Chem. U.S.S.R.* 27, 67-72 (1954) (Engl. translation).—See *C.A.* 48, 5519d.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZUNOVA, R. M.

Lab. Organic Chemistry,

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Synthetic Resins and Plastics

(3) Plastics - Chem

Formation of ketone-aldehyde resins in polycondensation of acetophenone with formaldehyde. M. N. Tilichenko and R. M. Buzunova (N. G. Chernyshevskii State Univ., Saratov). *Zhur. Prikład. Khim.* 27, 77-83(1954).—In condensation of HCHO with AcPh with excess of the latter, the reaction leads not to (hydroxymethyl) derivs. of AcPh but to viscous resinous substances and the reaction is a polycondensation. Hence the usual formulation of the Tollens reaction between HCHO and ketones or aldehydes must be extended to polycondensations as well. The main reaction is the formation of polymers with units: —CH-BzCH$_2$—, along with a relatively minor reaction: (Bz-

$$CH_2CH_2)_2CHBz + HCHO \rightarrow \overline{CHBz.CH_2.C(Bz)(CH_2-}$$

$CH_2Bz).CH_2.O.CH_2$ (I), or analogous O-contg. ring structures). In a typical run 1 mole AcPh in EtOH soln. of 0.2 moles NaOH was treated gradually with formalin (1.5 moles CH_2O) at 50°, after which the mixt. was neutralized with H_2SO_4 and the resinous bottom layer was taken up in Et_2O, dried, and evapd., yielding the solid resin of soft glassy character. The product contained 78% C, 6.3% H, 0.82-1.13% HO, and had mol. wt. 420, with zero iodine no. Fractional pptn. from CCl_4 with petr. ether gave fractions which changed progressively from hard glasses to viscous sirups, the highest m.p. being 124°. Only 5% of high-melting material was found, some 41% being the liquid form. The higher-melting fractions were free of HO groups, the lower fractions contain 0.7%-2.1% HO groups. The mol.-wt. range was 489-378. The highest-melting fraction appears to be essentially $BzCH.CH_2.O.CH_2.C(CH_2C(Bz).CH_2.O.CH_2.O.CH_2)(Bz).CH_2$; the fraction, m. 108.5°, is I, while the sirup appears to be essentially $(Bz-CH_2CH_2)_2CHBz$.

G. M. Kosolapoff

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZUR-OOL, D.B.

Copper removal from cobalt solutions by sodium hyposulfite.
TSvet. met. 33 no.10:89 O '60. (MIRA 13:10)
(Cobalt--Metallurgy) (Sodium dithionite)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZURUKOV, D.D.

Comparison of the Khanabad series of the Paleogene of Tajikistan with the Chegan series of the Aral Sea region. Dokl.AN SSSR 145 no.6:1341-1343 Ag '62. (MIRA 15:8)

1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova. Predstavleno akademikom A.L.Yanshinym.
(Tajikistan—Geology, Stratigraphic)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZURUKOV, D.D.

Some new and rare species of bivalve mullusks from Khanabad layers in the Tajic Depression. Trudy Inst.geol.AN Tadzh.SSR 5:139-157 '62. (MIRA 16:1)
(Tajik Depression--Lamellibranchiata, Fossil)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZURUKOV, D.D.

Stratigraphic position of Isfara and Khanabad layers in the Paleogene of the Tajik Depression. Vest.LGU 18 no.6:126-128 '63. (MIRA 16:4)

(Tajik Depression--Paleontology, Stratigraphic)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZURUKOV, D.D.

Faunal characteristics and age of Khanabad layers in the Tajik Depression. Trudy VSEGEI 102:255-258 '64.
(MIRA 18:2)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZUTOV, P. M.

Method of novocaine injection in treatment of neural and other disorders. Klin. med.,Moskva 28 no.9:83-85 Sept. 1950. (CLML 20:1)

1. Head of the Department of Pathophysiology, Kirgiz Agricultural Institute, Frunze.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZUR-OOL, D.B.

Rough purification of solutions from arsenic by sulfur dioxide.
TSvet. met. 34 no.2:47-50 F '61. (MIRA 14:6)
(Hydrometallurgy) (Arsenic)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZUYEV, A., aspirant; RYVLIN, A., mladshiy nauchnyy sotrudnik

Calculating the resistance of icebreakers sailing in small floe ice. Mor. flot 21 no.8:36-38 Ag '61. (MIRA 14:9)

1. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut.
(Ice-breaking vessels) (Ship resistance)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZUYEV, A.Ya.

Use of the DET-N electric distance thermometer. Trudy AANII 230:45-47 '60. (MIRA 13:10)
(Arctic regions--Ocean temperature) (Thermometers)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZUYEV, A.Ya.

Connection between the degree of breaking-up of ice and its resistance to bending σ bend. Probl. Arkt. i Antarkt. no.13: 109-112 '63. (MIRA 16:9)

(Ice)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZUYEV, A.Ya.; SHESTERIKOV, N.P.; TIMEREV, A.A.

Albedo of ice in the Arctic seas according to data of aircraft observations. Probl. Arkt. i Antark. no.20:49-54 '65.

(MIRA 18:10)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZUYEV, Vladimir Mikhaylovich; PAVLICHENKO, Vladimir Pavlovich; LISICHKIN, S.M., otv.red.; RAKHMANINOV, G.I., red.izd-va; SIMKINA, G.S., tekhn.red.

[Pugwash means peace; the international movement of scientists for the prevention of atomic war] Paguosh - eto mir; mezhdunarodnoe dvizhenie uchenykh za predotvrashchenie iadernoi voiny. Moskva, Izd-vo Akad.nauk SSSR, 1960. 88 p. (MIRA 13:7)
(Atomic weapons and disarmament)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BAGRAMOVA, L.E.; BUZUYEVA, I.A.

Processing of nuts. Khleb.i kond.prom. 6 no.6:38-41 Je '62.
(MIRA 15:7)

1. Zakatal'skiy orekhoochistitel'nyy zavod, AzSSR.
(Zakataly--Nuts)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYAROVA, Yu.M., kand.fiz.-mat.nauk

Using an orthogonal system for finding the frequency spectrum of natural vibrations of rectangular plates. Rasch.na prochn. no.11:338-348 '65.

(MIRA 19:1)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BYAKOV, Yu.A.

Use of synthetic seismograms in studying the tapering zones.
Uch. zap. Perm. gos. un. no.122:35-39 '64.
(MIRA 19:1)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

URUPOV, A.K.; BYAKOV, Yu.A.

Example of uavo identification in determining velocities from several copkmual axes. Uch. zap. Perm. gos. un. no.122:81-89 '64. (MIRA 19:1)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYAROVA, Yu.M., kand.fiziko-matematicheskikh nauk (Moskva)

Bending of rectangular plates. Issl. po teor. sooruzh. no.10:182-188 '61. (MIRA 14:8)

(Elastic plates and shells) (Flexure)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYAROVA, Yu.M., kand.fiziko-matematicheskikh nauk

Vibration of stretched rectangular plates. Rasch.na prochn. no.8:308-313 '62. (MIRA 15:8)
(Elastic plates and shells--Vibration)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

FEDOROV, P.D.; STABNIKOV, V.N.; GLYBIN, I.P.; BELYAVSKIY, V.V.; BOYCHENKO, N.G.; BUZYKIN, N.A.; GOLOVIN, P.V.; DEMCHUK, A.P.; ZHURA, K.D.; KORCHINSKIY, A.I.; KURILENKO, O.D.; KLIMKO, N.G.; LITVAK, I.M.; MAL'TSEV, P.M.; NIKOLAYCHUK, I.M.; NAUMOV, A.L.; POPOV, V.D.; RED'KO, F.A.; SKOBLO, D.I.; KHRISTENKO, M.M.; TSYGANKOV, P.S.; SHLIPCHENKO, Z.S.; SHVETSOV, P.D.

Gleb Mikhailovich Znamenskii; obituary. Sakh. prom. 31 no.12:68 D '57. (MIRA 11:1)

(Znamenskii, Gleb Mikhailovich, 1901-1957)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYKIN, N.A.; PRIKHLD'KO, I.A.; FURS, V.S.

Flow system for the processing of Ukrainian kieselguhrs for the production of filters powders. Sakh.prom. 35 no.3:48-50 Mr '61. (MIRA 14:3)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti. (Kieselguhr)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYKIN, Nikolay Aleksandrovich

[Manufacturing equipment for starch and combined starch and molasses plants] Tekhnologicheskoe oborudovanie krakhmal'nykh i krakhmalo-patochnykh zavodov. Moskva, Pishchepromizdat, 1959. 270 p.
(MIRA 14:10)

(Starch industry—Equipment and supplies) (Molasses)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

DIKIS, Mikhail Yakovlevich, prof.; MAL'SKIY, Aleksandr Nikolayevich, dots.; SOKOLOV, A.Ya., doktor tekhn. nauk, prof., retsenzent; BUZYKIN, N.A., kand. tekhn. nauk, dotsent, retsenzent; SKOBLO, D.I., kand. tekhn. nauk, dots., retsenzent; KHMEL'NITSKAYA, A.Z., red.; KISINA, Ye.I., tekhn. red.

[Machinery and equipment for canneries] Tekhnologicheskoe oborudovanie konservnykh zavodov. Izd.3., dop. i perer. Moskva, Pishchepromizdat, 1961. 539 p. (MIRA 15:1)
(Canning industry—Equipment and supplies)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

GERNET, M.M., doktor tekhn.nauk,prof.; DIKIS, M.Ya., doktor tekhn.nauk, prof.; LUK'YANOV, V.V., doktor tekhn.nauk,prof.[deceased]: POPOV, V.I., doktor tekhn.nauk,prof.; SOKOLOV, A.Ya.,doktor tekhn.nauk,prof.; SOKOLOV,V.I.,doktor tekhn.nauk,prof.; SURKOV,V.D.,doktor tekh.nauk,prof.; BARANOVSKIY, N.V., kand.tekhn.nauk,dots.; BROYDO, B.Ye., kand.tekhn. nauk, dots.; BUZYKIN, N.A., kand.tekhn.nauk, dots.; GOROSHENKO, M.K., kand.tekhn.nauk, dots.; GORTINSKIY, V.V., kand.tekhn.nauk, dots.; GREBENYUK, S.M., kand.tekhn.nauk, dots.; GUS'KOV, K.P., kand.tekhn. nauk, dots.; DEMIDOV, A.R., kand.tekhn.nauk, dots.; ZHISLIN, Ya.M., kand.tekhn.nauk, dots.; KARPIN, Ye.B., kand.tekhn.nauk, dots.; KOSITSYN, I.A., kand. tekhn.nauk, dots. [deceased]; GEYSHTOR, V.S., kand.tekhn.nauk, dots.; MARSHALKIN, G.A., kand.tekhn.nauk, dots.; MOLDAVSKIY, G.Ye., kand.tekhn.nauk, dots.; ODESSKIY, D.A., kand. tekhn.nauk, dots.; PELEYEV, A.I., kand.tekhn.nauk, dots.; RUB, D.M., kand.tekhn.nauk, dots.; SKOBLO, D.I., kand.tekhn.nauk, dots.; SHUVALOV, V.N., kand.tekhn.nauk, dots.; KHMEL'NITSKAYA, A.Z., red.; SOKOLOVA, I.A., tekhn. red.

[Principles of the design and construction of machinery and apparatus for the food industries] Osnovy rascheta i konstruirovaniia mashin i apparatov pishchevykh proizvodstv. Moskva, Pishchepromizdat, 1960. 741 p. (MIRA 14:12)

(Food industry—Equipment and supplies)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYKIN, N.A.; PRIKHOD'KO, I.A.; FURS, V.S.

Variants of technological flow sheets for the processing of Ukrainian kieselguhrs for the manufacture of filter powders. Trudy KTIPP no.24:55-53 '61. (MIRA 15:6)
(Ukraine—Diatomaceous earth) (Filters and filtration)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYKIN, P.F.

Combination of a progressive extrauterine pregnancy with apoplexy of the ovary and appendicitis. Akush. i gin. 39 no.4: 124 Jl-Ag'63 (MIRA 16:12)

1. Iz Kochkarleyskoy uchastkovoy bol'nitsy (glavnyy vrach P.F.Buzykin) Ul'yanovskoy oblasti.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYKIN, V.; TURBIN, B.; CHERKASOV, I.

For a wider introduction of the piecework bonus wage system on state farms. Sots.trud 7 no.3:59-65 Mr '62. (MIRA 15:3)
(Agricultrual wages) (Piecework)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

POPOV-CHERKASOV, Igor' Nikolayevich; TURBIN, Boris Sergeyevich; BUZYKIN, Valentin Il'ich; TOLYPINA, O.N., red.; KARLOVA, L.V., tekhn. red.

[Organization of wages for state farm workers in the U.S.S.R.] Organizatsiia zarabotnoi platy rabochikh v sovkhozakh SSSR. Moskva, Ekonomika, 1963. 230 p. (MIRA 17:1)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

KABANOV, Vladimir Grigor'yevich, kand.tekhn.nauk, inzh.-polkovnik; KOMAROV, Ivan Andreyevich, kand.tekhn.nauk, polkovnik; BUZYKIN, Vasiliy Ivanovich, podpolkovnik; CHEBOTAREV, Vladimir Petrovich, kapitan; MESHCHERYAKOV, G.G., red.; ANIKINA, R.F., tekhn.red.

[Erecting underground field fortifications in average and soft soils] Vozvedenie polevykh podzemnykh sooruzhenii v srednikh i slabykh gruntakh. Moskva, Voen.izd-vo M-va obor. SSSR, 1959. 125 p. (MIRA 12:7)
(Military field engineering)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYKIN, Ye.

Who impedes the development of all-European economic cooperation? [with English summary in appendix]. Vnesh.torg. 30 no.11:12-15 '60. (MIRA 13:11)
(United Nations) (Europe--Foreign economic relations)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYKIN, Yu.

The "common market" is a tool of monopolies. Vop. ekon. no.6: 50-56 Je '62. (MIRA 15:6)
(European economic community)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

LYUBIMOV, N.N., prof., doktor ekon. nauk; PLETNEV, E.P., doktor ekon. nauk; SERGEYEV, S.D., dots., kand. ekon. nauk; MEN'SHIKOV, S.M., doktor ekon. nauk; BUZYKIN, Yu.I., kand.ekon.nauk; DYUMULEN, I.I., dots., kand.ekon.nauk; IKONNIKOV, I.S., kand.ekon.nauk; KUZ'MIN, I.A., dots., kand.ekon.nauk; NESTEROV, M.V.; POPOV, A.N., dots., kand.ekon.nauk; SOLOV'YEV, A.A., kand.ekon.nauk; STEPANOV, G.P., dots., kand.ekon.nauk; SHCHETININ, V.D., dots. kand. ekon. nauk; MOGILEVCHIK, A.Ye., red.; SHILENSKAYA, V.A., red.

[Modern international economic relations] Sovremennye mezhdunarodnye ekonomicheskie otnosheniia. Pod red. N.N.Liubimova. Moskva, Izd-vo "Mezhdunarodnye otnosheniia," 1964. 583 p.
(MIRA 17:5)

1. Moscow. Institut mezhdunarodnykh otnosheniy. 2. Predsedatel' Prezidiuma Vsesoyuznoy torgovoy palaty (for Nesterov).

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYKIN, Yuriy Il'ich; YUZBASHEV, V.G., red.; RAKITIN, I.T., tekhn. red.

[Behind the screen of "Little Europe"; West European integration as a new form of the repartition of the capitalist market]Za shirmoi "Maloi Evropy"; zapadnoevropeiskaia integratsiia - novaia forma peredela kapitalisticheskogo rynka. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no.21) (MIRA 15:11)
(European Economic Community)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYKIN, Yuriy Il'ich; MAKAROV, V.V., red.; PONOMAREVA, A.A., tekhn. red.

[West-European integration in the third stage of the general crisis of capitalism] Zapadnoevropeiskaia integratsiia na tret'em etape obshchego krizisa kapitalizma. Moskva, Ekonomizdat, 1963. 142 p. (MIRA 16:7)
(European Economic Community)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYLEV, I.

Machines change their appearance. Okhr. truda i sots. strakh. 4 no.5:20-22 My '61. (MIRA 14:5)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye strakhovaniye."
(Color--Psychology)
(Moscow--Building machinery industry--Hygiene aspects)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYLEV, I.

"Replacement," feuilleton. Okhr.truda i sots.strakh. 4 no.12:23-24 D '61. (MIRA 14:11)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye strakhovaniye", st. Kholmogorskaya, Severnoy zheleznoy dorogi - g. Arkhangel'sk.

(Grievance procedures)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

RAYKHMAN, Ye., liteyshchik, udarnik kommunisticheskogo truda; GARCHENKO, ZINGER, M.; SYAGAYLO, I.; BUZYLEV, I.

Crowded and unhappy. Okhr.truda i sots.strakh. 4 no.7:30-32 Jl '61. (MIRA 14:7)

1. Tekhnicheskiy inspektor Dnepropetrovskogo oblsovprofa (for Garchenko). 2. Pomoshchnik glavnogo inzhenera Dnepropetrovskogo tramvayno-trolleybusnogo upravleniya po tekhnike bezopasnosti (for Zinger). 3. Sotrudnik mnogotirazhnoy gazety "Elektrotransportnik" (for Syagaylo). 4. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye strakhovaniye" (for Buzylev).
(Dnepropetrovsk—City traffic)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYLEV, I.

Dangerous miracles; feuilleton. Okhr.truda i sots.strakh. 5 no.3:28-29 Mr '62. (MIRA 15:4)
(Moscow--Industrial railroads--Safety measures)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYLEV, I.

Reporting on the "islands of coolness." Okhr. truda i sots. strakh. 4 no.8:32-33 Ag '61. (MIRA 14:11)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye obespecheniye", g. Krivoy Rog.
(Krivoy Rogg—Steel works—Air conditioning)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYLEV, I.

Story about a great road. NTO 4 no.11:38-41 N '62. (MIRA 16:1)

1. Spetsial'nyy korrespondent zhurnala "Nauchno-tekhnicheskiye obshchestva SSSR".

(Siberia--Railroads)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYLEV, I.

Pulse of the steel track (conclusion). NTO 4 no.12:36-39 D '62. (MIRA 16:1)

1. Spetsial'nyy korrespondent zhurnala "Nauchno-tekhnicheskiye obshchestva SSSR".

(Railroads)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYLEV, I.

A common biography. NTO 5 no.2:10-12 F '63. (MIRA 16:3)

1. Spetsial'nyy korrespondent zhurnala "Nauchno-tekhnicheskiye obshchestva SSSR".
(Leningrad--Engineers)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

[redacted]

LUZLYAKOV, N.

Developing public consumption funds. Vop. ekon. no.4:36-46 Ap '62. (MIRA 15:4)
(Cost and standard of living)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

[redacted], A.M.; CHESTNIKOV, N.P.

Some radiation properties of [illegible] for curing [illegible]. Trudy. Ark. i anizotr. no.[illegible] [illegible] (Min. 1963)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYLEV, I.

Reporting from the "Tomorrow" Station. NTO 5 no.3:31-33 Mr '63. (MIRA 16:4)

1. Spetsial'nyy korrespondent zhurnala "Nauchno-tekhnicheskiye obshchestva SSSR".
(Leningrad—Railroads—Stations)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

GRAFOV, V. (Kuybyshev); BUZYNIN, Ye. (Kuybyshev)

"Study room" in a workshop. Sov. profsoiuzy 18 no.5:18-19 Mr '62. (MIRA 15:3)
(Kuybyshev--Bearing industry)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYNKINA, V. S., Cand Med Sci -- (diss) "Mud-bath treatment, using hydrogen sulfide and radon baths, for patients with infectious polyradiculoneuritis (polyneuritis)." Moscow, 1960. 22 pp; (Ministry of Public Health RSFSR, State Scientific Research Inst of Health Resort Study and Physiotherapy); 250 copies; price not given; (KL, 18-60, 155)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

[redacted], N.I.; ANDREYEVA, L.A.; [redacted], V.S.

Electrical activity of the brain and the content of catechol amines in the urine of patients with phantom pains as a reflection of the pain syndrome in relation to peloid-balneological treatment. Zhur. nevr. i psikh. 65 no.6:856-862 '65. (MIRA 18:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut kurortologii i fizioterapii (direktor G.N. Pospelova), Moskva.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

Buzynov, A.Ye.

21(6) PHASE I BOOK EXPLOITATION SOV/1754

Vsesoyuznaya mashino-stroitel'naya konferentsiya po primeneniyu radioaktivnykh i stabil'nykh izotopov i izlucheniy v narodnom khozyaystve i nauke. Moscow, 1957.

Trudy...: Mashinostroyeniye i priborostroyeniye (Transactions of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science) Kishlak and Instrument Manufacturing) Moscow, Izd-vo AN SSSR, 1958. 358 p. 4,500 copies printed.

Sponsoring Agencies: USSR. Glavnoye upravleniye po ispol'zovaniyu atomnoy energii, and Akademiya nauk SSSR.

Editorial Board of Set: V.V. Dikushin, Academician (Resp. Ed.), N.K. Shumilovskiy (Deputy Resp. Ed.), Yu. S. Zaslavskiy (Deputy Resp. Ed.), L.K. Tatochenko, B.I. Verkovskiy, S.T. Nazarov, L.I. Petrenko, and N.G. Zelvinskaya (Secretary).

Ed. of Publishing House: P.N. Belyanin; Tech. Ed.: T.P. Polenova.

PURPOSE: This book is intended for specialists in the field of machine and instrument manufacture who use radioactive isotopes in the study of materials and processes.

COVERAGE: This collection of papers covers a very wide field of the utilization of tracer methods in industrial research and control in the machine- and instrument-manufacturing industry. The individual papers discuss the applications of radioisotopes in the study of metals and alloys, problems of friction and lubrication, metal cutting, engine performance, and defects in metals. Several papers are devoted to the use of radioisotopes in the automation of industrial processes, recording and measuring devices, quality control, flowmeters, level gauges, safety devices, radiation counters, etc. These papers represent contributions of various Soviet institutes and laboratories. They were published as Transactions of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science, April 4-12, 1957. No personalities are mentioned. References are given at the end of most of the papers.

Table of Contents:

Pakhomov, I.G., and A.Ye. Buzynov (Institut fiziki Ural'skogo filiala AN SSSR — Institute of Physics, Ural Branch, Academy of Sciences, USSR). Defectoscopy of Very Thick Steel Products 334

Grigor'yev, K.M., and I.G. Pakhomov (Uralvagonzavod i Institut fiziki metallov Ural'skogo filiala Akademii nauk SSSR — Uralvagonzavod and the Institute of the Physics of Metals, Ural Branch, Academy of Sciences, USSR). Characteristics of Gamma Control and Radioscopic Technique for Complex Weldments 339

Orazhdankina, M.F., and T. G. Pakhomov (Institut fiziki metallov Ural'skogo filiala AN SSSR — Institute of the Physics of Metals, Ural Branch, Academy of Sciences, USSR). Study of the Blurring of Images of Defects During the Co60 Gamma Radioscopy of Steel 342

Zhukov, O.N. (Ministerstvo sudostroitel'noy promyshlennosti SSSR — Ministry of the Shipbuilding Industry, USSR). Use of Soft-radiation Isotopes for the Control of Welding in Shipbuilding 348

Birshtein, L.O. (Rizhskiy sudoremontnyy zavod — Riga Repair Docks). Use of the I-192 Isotope at the Riga Repair Docks 352

AVAILABLE: Library of Congress

Card 20/20

TM/ks
7-10-58

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

Buzynov, A. Ye.

AUTHORS: Buzynov, A.Ye. and Fakidov, I.G. 120-4-27/35

TITLE: A Gamma-exponometer (Exposure Calculator) for Betatron Defectoscopy (Gamma-eksponometr dlya betatronnoy gamma-defektoskopii)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1957, No.4, pp. 94 - 95 (USSR)

ABSTRACT: A gamma-exposure calculator is described which enables the exposure time to be rapidly calculated. It is suitable for gamma-defectoscopy with steel thicknesses 30 - 570 mm using betatron gamma irradiation of energies of 22 MeV over a wide intensity range. The gamma-exposure calculator (Fig.1) has five discs rotatable round a common axis. On the discs are five scales: 1) exposure time scale; 2) steel thickness scale; 3) intensity scale for the betatron irradiation (1 - 100 r.p.m.); 4) a scale of the distance from the betatron target to the film (0.1 - 10 m), and 5) film sensitivity values from 1 to 10. The method of use is described. There are 1 figure and 2 non-Slavic references.

ASSOCIATION: Ural Branch Ac.Sc. USSR, Institute of the Physics of Metals (Ural'skiy filial AN SSSR, institut fiziki metallov)

Card 1/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

120-4-27/35

A Gamma-exponometer (Exposure Calculator) for Betatron Defectoscopy.

SUBMITTED: February 7, 1957

AVAILABLE: Library of Congress

Card 2/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

SOV/32-24-8-15/43

AUTHORS: Buzynov, A. Ye., Kochalov, N. D., Pokidov, I. G.

TITLE: Graphs of the Exposure and Detection of Defects Using Gamma Radiation in Betatrons (Grafiki ekspozitsiy v betatronnoy gamma-defektoskopii)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 8, pp. 986-988(USSR)

ABSTRACT: Papers by foreign authors are listed and graphs are given for the γ-radiation in betatrons with various limiting energies of the photons. An evaluation of the data given in these papers indicates that some difficulties exist, since no coefficients are given to convert the sensitivity values, and the **Soviet films have** different sensitivities. For this reason and because of other considerations the experiments reported in this paper used domestic Roentgen films. The procedure used and resulting graphs are given. The graphs obtained in this work were different from those obtained by the foreign authors in that the Russian curves for a radiation energy of 22 MeV were S-shaped and thus gave a more accurate determination of the dosage. A. N. Orlov, N. I. Grachdankina and I. G. Pokidov (Ref 1) found that in irradiating the photoemulsion

Card 1/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

SOV/20-24-6-23/43

Graphs of the Exposure and Detection of Defects Using Gamma Radiation in Betatrons

In γ-quanta there exists a lower critical density, which permits the smallest defects to be detected. In the work of the present paper it was observed that a similar result is obtained using harder γ-radiation. A. D. Yekhlakov and Z. A. Motova participated in the work of this paper. There are 3 figures, 1 table, and 14 references, 3 of which are Soviet.

ASSOCIATION: Institut fiziki metallov Akademii nauk SSSR (Institute for the Physics of Metals, AS USSR)

Card 2/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

35011
S/596/61/000/000/001/003
D217/D304

1.8000

AUTHORS: Buzynov, A.Ye., Yekhlakov, A.D., Motova, Z.A., Mochalov, M.D., and Fakidov, I.G.

TITLE: Action of γ-irradiation from the betatron on X-ray films, and the constitution of exposure graphs of irradiated steel

SOURCE: Akademiya nauk SSSR. Institut fiziki metallov. Betatronnaya gamma-defektoskopiya stali. Moscow, 1961, 10 - 25

TEXT: A sensitometric investigation of the action of γ-rays on several types of films was studied and the distribution of the intensity of irradiation along the cross section of the beam was measured. German films made by Agfa (GDR), Laue, Sino, Texo-R, Texo-S and the high sensitivity Russian films of factory no. 8, "Rentgen-X-opytnyy" and "Rentgen-X-opytnyy" sprayed from one side, were investigated. From the sensitometric results obtained, exposure graphs were plotted. These, in conjunction with curves for the angular distribution of intensity and figures illustrating the dependence of

Card 1/3

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

Action of γ-irradiation from ...

exposure-time of defects on the degree of blackening of the film, enabled the exposures under various conditions of X-raying to be calculated. It was found, that the experimental film "Rentgen-X" sprayed on both sides, was the most sensitive one with respect to γ-rays from the betatron. The German films Agfa, Laue, Agfa Sino and Agfa Texo-R have similar sensitivity characteristics under similar conditions. The film Texo-S is somewhat less sensitive. Intensifying screens considerably shorten the time of exposure. The 1 and 2 mm front lead screens differ little from each other as to their action on the film. With an increase in thickness of the irradiated steel plates, the conventional characteristic curves of the films are displaced in the direction of increasing exposure and change their general character, the linear portion of the curve decreasing in extent. The contrast range also changes somewhat. All imported films, when used in conjunction with the betatron, should receive longer exposures than those indicated by the manufacturer. Curves were constructed for the dependence of the degree of blackening of the film on the distance from the center of the beam, for various exposures in the center of the field of irradiation and for

Card 2/3

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

Action of γ-irradiation from ...

steel plates of various thicknesses (50 - 426 mm). Exposure graphs for the Agfa Texo-R film were constructed for several degrees of blackening. Graphs were constructed for two sets of screens, used respectively for the determination of small defects (pores, cracks etc.) and for big casting defects. There are 13 figures, 4 tables and 19 references: 7 Soviet-bloc and 12 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: A.L. Pace, Non-destructive testing, 12, 1954, no. 2, 21; R. Widerøe, Non-destructive testing, 11, 1953, no. 4, 23; C.E. Juran, Non-destructive testing, 11, 1953, no. 8, 25; K. Nelson, Journal Sci. Instr., 33, 1956, no. 1.

Card 3/3

X

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

35012
S/596/61/000/000/002/003
D217/D304

1,8000

AUTHORS: Buzynov, A.Ye., Yekhlakov, A.D., Mochalov, M.D., and Fakidov, I.G.

TITLE: Experimental determination of the sensitivity of the photo-radiographic method of non-destructive testing by γ-irradiation and by irradiation from a betatron of 22 Mev.

SOURCE: Akademiya nauk SSSR. Institut fiziki metallov. Betatronnaya gamma-defektoskopiya stali. Moscow, 1961, 30 - 35

TEXT: The authors experimented with the models of defects in the form of cylindrical holes with fairly big diameters (10 mm), so that the degree of diffuseness of the edge was considerably less than the radius of the hole. The sensitivity was determined for defects of various depths ΔL, measured along the beam, and for various total thicknesses of irradiated plates L. The difference in thickness between sound and faulty places was of relatively little

Card 1/3

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

Experimental determination of the ...

significance, owing to the small size of the defects. It can, therefore, be assumed that changes in the characteristic curves of the film used would be insignificant for variations in thickness of this order. A graduated non-destructive testing machine was specially made for the investigation. The apparatus was made in the form of eight segments of a disc, each differing from the preceding one in thickness by 1 mm (except for the first and eigth, which differed from each other by 7 mm). An annular hole of radius 4 cm was drilled through the eight segments; the center of the annulus coincided with that of the disc, and the diameter of the hole was 10 mm. The holes and steps were intended to simulate defects of definite dimensions. The apparatus was placed in front of the irradiated steel plates, and orientated so that its center should coincide with the axis of the betatron beam. Under these conditions, the defects received γ-rays of equal intensity, and shadow images thereof were arranged along the circumference of the film. For exposure, an Agfa Texo-R film, 15 x 20 cm, was placed between the intensifying screens. In order to minimize the dispersed background radiation, a lead screen, 3 mm thick, was placed behind the rear fluorescent screen.

Card 2/3

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

and a lead screen, 25 mm thick, was placed behind the adaptor. Steel plates of various thicknesses were used as specimens for irradiation. It was found that the relative sensitivity of the radiographic method of betatron testing increases with increase in thickness of the steel plates. The dependence of the magnitude of the smallest detectable defect on the thickness of the irradiated steel plates was established. The size of the smallest detectable defect depends on the thickness and combination of intensifying screens. There are 8 figures and 10 references: 1 Soviet-bloc and 9 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: H. Crainer, Non-destructive testing, 15, 1957, no. 4, 234; R. Wideröe, Non-destructive testing, 12, 1954 no. 4, 27; A.L. Pace, Non-destructive testing, 12, 1954, no. 2, 21; E.A. Burril, Non-destructive testing 11, 1952, no. 2, 23.

X

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

S/123/62/000/013/021/021
A004/A101

AUTHORS: Buzynov, A. Ye., Fakidov, I. G.

TITLE: Some examples of radiography of steel parts with gamma rays from the 22-Mev betatron

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 13, 1962, 27, abstract 13G176 (In collection: "Betatronnaya gammadefektoskopiya stali". Moscow, AS USSR, 1961, 40-41)

TEXT: A vacuum magazine was tested which ensures a good contact between the film and the magnifying screens. Gamma photographs of better quality are obtained, using vacuum magazines as a result of the vacuum reducing the electron scattering in the clearance between the film and the magnifying screens. The authors present prints of gamma photographs of a steel casting with a flaw meter (thickness of the steel 250 mm, thickness of the maximum step of the flaw meter 10 mm, the diameter of aperture on the step is equal to its thickness); of a steel casting 128 mm thick with a shrinkage cavity on the inside, of a forging with cracks (the steel is 158 mm thick), and of castings 520 mm thick. The examples given show that it is possible, with the betatron radiography method, to detect internal flaws in steel parts of up to 500 mm thickness and more, with a sensi-

Card 1/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

S/123/62/000/013/021/021
A004/A101

Some examples of radiography of...

tivity of the order of 1 - 3%. There are 6 figures and 3 references.

[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

S/032/61/027/002/006/026
B134/B206

AUTHOR: Buzynov, A. Ye.

TITLE: Application of intensifying screens to the fluoroscopy of workpieces of varying thickness on the betatron

PERIODICAL: Zavodskaya laboratoriya, v. 27, no. 2, 1961, 167-168

TEXT: Intensifying screens (fluorescent, metallic, and combined) are used to accelerate the process of gamma- and X-ray fluoroscopy of workpieces with the application of photographic films. On transition from one type of intensifying screen to another, and with the same type of X-ray film, the coefficient of intensification is used to calculate the necessary dose of radiation. The thickness and type of the workpiece to be fluoroscoped is, however, not considered when determining the coefficient of intensification. The dependence of the intensification effect of screens on the thickness of the steel to be tested was studied, for this reason, in the present paper. Two combinations of intensifying screens of the types 2ФпФ6 (2FPF6) and 2П6 (2P6) were studied (the figures refer to the thickness of lead screens in mm, P = film, F = fluorescent screen with $CaWO_4$ 120 mg/cm^2). A betatron

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

with a limit energy of gamma quanta of 22 Mev served as radiation source. X-ray films of the type Agfa Texo-R were used. The dependence of the coefficient of intensification (K) was determined from the characteristic curves of films with the screens. The dose for the various steel thicknesses (0-50 cm) necessary for degrees of blackening of 1.25, 1.5, and 1.75 was determined from these curves. The ratio of the radiation dose for the two intensifying screens studied was then determined for the same steel thicknesses and degrees of blackening. The digram log K versus steel thickness was plotted from these values; it corresponds to the equation $\log K = 0.975 - 0.1235\,d$ (K = ratio between the radiation dose in roentgens for the given steel thickness to attain the determined blackening degree with 2P6 screens, and the dose for the 2FPF6 screens under equal conditions, d = steel thickness, cm). The results show that the intensifying effect of 2FPF6 screens is reduced with the steel thickness as compared with the effect of 2P6 screens. The value K depends on the steel thickness, and the intensifying effect of the screens studied changes, therefore, with the steel thickness. There are 1 figure and 1 table.

ASSOCIATION: Institut fiziki metallov Akademii nauk SSSR (Institute of Physics of Metals of the Academy of Sciences USSR)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

B'ZYNOV, A. YE.

PHASE I BOOK EXPLOITATION SOV/6176

Konobeyevskiy, S. T., Corresponding Member, Academy of Sciences USSR, Resp. Ed.

Deystviye yadernykh izlucheniy na materialy (The Effect of Nuclear Radiation on Materials). Moscow, Izd-vo AN SSSR, 1962. 383 p. Errata slip inserted. 4000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Otdeleniye tekhnicheskikh nauk; Otdeleniye fiziko-matematicheskikh nauk.

Resp. Ed.: S. T. Konobeyevskiy; Deputy Resp. Ed.: S. A. Adasinskiy; Editorial Board: P. L. Gruzin, G. V. Kurdyumov, B. M. Levitskiy, V. S. Lyashenko (Deceased), Yu. A. Martynyuk, Yu. I. Pokrovskiy, and N. F. Pravdyuk; Ed. of Publishing House: M. G. Makarenko; Tech. Eds: T. V. Polyakova and I. N. Dorokhina.

Card 1/14

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

90

The Effect of Nuclear Radiation (Cont.) SOV/6176

PURPOSE: This book is intended for personnel concerned with nuclear materials.

COVERAGE: This is a collection of papers presented at the Moscow Conference on the Effect of Nuclear Radiation on Materials, held December 6-10, 1960. The material reflects certain trends in the work being conducted in the Soviet scientific research orginization. Some of the papers are devoted to the experimental study of the effect of neutron irradiation on reactor materials (steel, ferrous alloys, molybdenum, avial, graphite, and nichromes). Others deal with the theory of neutron irradiation effects (physico-chemical transformations, relaxation of internal stresses, internal friction) and changes in the structure and properties of various crystals. Special attention is given to the effect of intense γ-radiation on the electrical, magnetic, and optical properties of metals, dielectrics, and semiconductors.

Card 2/14

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

Konozenko, I. D., and V. I. Ust'yanov. Effect of γ-Rays on Properties of CdS Single Crystals 318

Titov, P. P., A. K. Kikoin, and A. Ye Buzynov. Stimulating Action of X- and γ-Rays on Flotation Process 329

Byalobzheskiy, A. V., V. D. Val'kov, and V. N. Lukinskaya. Effect of Radiation on Corrosion Properties of Metals and Alloys 332

Galushka, A. P., P. G. Litovchenko, and V. I. Ust'yanov. Methods of Investigating Properties of Semiconductors Irradiated by γ-Quanta 341

Starodubtsev, S. V., S. A. Azizov, I. A. Domsryad, Ye. V. Peshikov, and L. P. Khiznichenko. Change in Mechanical Properties of Some Solids Subjected to γ-Radiation 347

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

KIKOIN, A.K.; AFANAS'YEV, B.P.; BURESH, G.V.; BUZYNOV, A.Ye.

Effect of high-energy gamma rays on the wettability of natural minerals. Zhur. fiz. khim. 36 no.1:237 Ja '62. (MIRA 16:8)

1. Institut fiziki metallov AN SSSR.
(Minerals) (Wetting) (Gamma rays)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

L 3413-66 EWT(m)/EPF(c)/EPF(n)-2/EWP(t)/EWP(b) JD/GG/GS

ACCESSION NR: AT5023814 UR/0000/62/000/000/0329/0331

23
B+1

AUTHOR: Titov, P. P.; Kikoin, A. K.; Buzynov, A. Ye.

TITLE: Stimulating effect of x ray and gamma irradiation on the flotation process 18 19

SOURCE: Soveshchaniye po probleme Deystviye yadernykh izlucheniy na materialy. Moscow, 1960. Deystviye yadernykh izluchenly na materialy (The effect of nuclear radiation on materials); doklady soveshchaniya. Moscow, Izd-vo AN SSSR, 1962, 329-331

TOPIC TAGS: gamma irradiation, flotation, irradiation effect, x ray irradiation, pyrite, quartz, mineral coal

ABSTRACT: In the last few years, the authors have conducted experiments on flotation of monominerals (rutile, quartz, feldspar, scheelite, malachite, pyrochlore, etc.), ores, and coals irradiated with x rays, Co^{60} γ rays, and betatron radiation with 22 MEV maximum energy of γ quanta. The ground material prepared for flotation was irradiated for various periods of time, after which flotation was carried out. In almost all cases, the irradiation had a stimulating effect on the flotation process, increasing its rate and improving its characteristics. Among the few substances whose flotation was adversely

Card 1/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

L 3413-66

ACCESSION NR: AT5023814

affected were quartz and feldspar. During the flotation Co^{60} radiation was very effective in increasing the rate of the process even though the dose was very low. The radiation may change the adsorption of gas on the solid-gas interface as a result of a change in the surface charge on the solid particles of the floated material. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 18Aug62 ENCL: 00 SUB CODE: NP, MT

NO REF SOV: 005 OTHER: 000

Card 2/2 kd

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

ACC NR: AP6022019 SOURCE CODE: UR/0120/66/000/003/0165/0167

AUTHOR: Kikoin, A. K.; Buzynov, A. Ye.; Yurchikov, Ye. Ye.

ORG: Institute of the Physics of Metals, AN SSSR, Sverdlovsk (Institut fiziki metallor AN SSSR)

TITLE: A vacuum device with a diffusion pump

SOURCE: Pribory i tekhnika eksperimenta, no. 3, 1966, 165-167

TOPIC TAGS: vacuum, vacuum chamber, vacuum pump, vacuum technology, diffusion pump

ABSTRACT: A simple vacuum device capable of producing in its evaporating chamber a vacuum of $\sim 5 \cdot 10^{-8}$ torr, which is high enough for thin film technology, is described. Usually the possibility of obtaining such a vacuum depends on the speed with which working pressure is restored in the chamber after dismantling and parts replacement. Because of this every attempt to obtain a metallic thin film takes a long time and, if frequent replacements of the evaporator, or other parts of the vacuum device are required, then major difficulties are encountered. In the vacuum device discussed a diffusion pump, mounted directly in the evaporating chamber, is utilized which makes it possible to obtain within a short time a pressure of $2 \cdot 10^{-7}$ and a vacuum of $5 \cdot 10^{-8}$ torr. The evaporating chamber is in the form of a 3ϕ250 mm cylinder with a volume of 15 ℓ mounted on a steel plate. The chamber is evacuated through an opening in the center of the steel plate by the RVN-10 preevacuation pump and by the TsVL-100 oil-

 UDC: 539.234:621.52

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

ACC NR: AP6022019

vapor pump. High vacuum speed made possible by the diffusion pump permits the use of ordinary pressurizing and vacuum sanitation methods. The speed is such that during the evaporation with insignificant gas releases the pressure in the chamber increases by less than half an order of magnitude. Orig. art. has: 1 figure.

SUB CODE: 20,13/ SUBM DATE: 12Jun65/ ORIG REF: 001

Card 2/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYREV, V. M.

The financing of restoration and reconstruction Moskva, Gosfinizdat, 1945. 116 p. (49-36449)

D829.R8B8

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYREV, V.M., prof.[deceased]; LABAZOV, V.I., dots.; NIKOLOTOV, S.N., dots.; SKVORTSOV, L.I., dots.; MITEL'MAN, Ye.L., dots.; SHTEYNSHLEYGER, S.B., dots.; BELKIN, S.A., prepod.; ROTLEYDER, A.Ya., dots.; USHAKOVA, L.N., prepod.; DUBNOVA, Z.K., red.

[Currency circulation and credit in the U.S.S.R.] Denezhnoe obrashchenie i kredit SSSR. Moskva, Vysshaia shkola, 1965. 458 p. (MIRA 18:8)

1. Vsesoyuznyy zaochnyy finansovo-ekonomicheskiy institut (for all except Dubnova).

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYREV, V.M.

Finansirovanie i kreditovanie kapi-
tal'nykh vlozhenii (Credit and financing in capital
investments). Moskva, Gosfinizdat, 1952. 260 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

IKONNIKOV, VV., prof. Prinimali uchastiye: GUSAKOV, A.D., prof.; SHENGER, Yu.Ye., prof.; BATYREV, V.M., doktor ekon. nauk; KAZANTSEV, A.I., dots.; BUZYREV, V.M., prof.; BYSTROV, F.P., prof.; NADEZHDINA, A., red.; POGODIN, Yu., red.; TELEGINA, T., tekhn. red.

[Monetary circulation and credit in the U.S.S.R.] Denezhnoe obrashchenie i kredit SSSR. Kollektiv avtorov pod rukovodstvom V. Ikonnikova. Moskva, Gosfinizdat, 1962. 470 p. (MIRA 16:1)
(Money) (Credit)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BUZYREV, V. M.

"Textbook on the finance of branches of the national economy."
Reviewed by V.Buzyrev. Fin.SSSR 21 no.4:84-85 Ap '60.
(MIRA 13:4)

(Finance)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

40838-66 EWT(1) GW

ACC NR: AT6006701 SOURCE CODE: UR/2561/65/000/020/0049/0054

55
B+1

AUTHOR: Buzuyev, A. Ya.; Shesterikov, N. P.; Timerev, A. A.

ORG: none

TITLE: Albedo of ice in Arctic Seas based on data of aircraft observations

SOURCE: Leningrad. Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy institut. Problemy Arktiki i Antarktiki. Sbornik statey, no. 20, 1965, 49-54

TOPIC TAGS: ice, sea ice, actinometry, aerial reconnaissance, optic albedo, arctic climate

ABSTRACT: Actinometric observations from aboard ice reconnaissance aircraft and a "flying meteorological observatory" were performed during the summer and fall of 1963. The actinometric observations were accompanied by a recording of the ice conditions, cloud cover, and atmospheric phenomena. Pyranometers and albedometers were installed on the aircraft. The total number of observations selected for analysis amounted to about 900. The observations were made in the western sector of the Arctic. It was found that the hummocked condition of ice somewhat lessens the albedo, however this relationship was not well pronounced. Drift ice and fast ice have practically the same albedo value if their degree of disintegration and contamination are identical. An analysis of the observations shows that the basic factor

Card 1/2

UDC: 551.322:535

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

L 40838-66

ACC NR: AT6006701

determining the change of albedo of ice during the summer in the Arctic Seas is ice disintegration. As the ice melts the albedo of the snow-ice surface decreases from 75% at the starting period to 25% at maximal disintegration of the ice. Against a general background of a decrease of albedo a certain disruption of this tendency is observed at an ice disintegration value of 2—3 scale units (on a 5-point scale). At this period the albedo of the ice remains constant or even somewhat increases, which is explained by the fact that at this degree of disintegration drying of the ice occurs and the values of the albedo of the "dry" sections of ice and melt water on ice are substantially different. It is concluded, that the investigations confirmed the possibility of accomplishing actinometric observation from ice reconnaissance aircraft. An analysis of the material obtained shows that the data of the observations both with respect to standard instruments and to instruments specially fabricated for aircraft observations secure the same degree of accuracy in determining the albedo in the presence of an overcast sky. Orig. art. has: 1 table and 3 figures.

SUB CODE: 08/ SUBM DATE: 20Apr64/ ORIG REF: 003/ OTH REF: 000

15/

Card 2/2 MLP

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

NIKOLOTOV, Sergey Nikolayevich, dotsent, kand.ekonom.nauk; BUZYREV, V.M., kand.ekonom.nauk, otv.red.; MOSKVITINA, L.P., red.

[Credit reform in the U.S.S.R.; lecture on the course "Money circulation and credit in the U.S.S.R."] Kreditnaia reforma v SSSR; lektsiia po kursu "Denezhnoe obrashchenie i kredit SSSR." Izd.2. Moskva, Vses.finansovo-ekon.in-t, 1960. 29 p. (MIRA 14:4)

(Credit)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

TERENT'YEV, B.M.; BYABUKHIN, Yu.S.

Absorption of γ radiation in infinte systems. Zhur. tekh. fiz. 31 no.7:837-842 Jl '61. (MIRA 14:7)

1. Ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy fiziko-khimicheskiy institut im. L. Ya. Karpova.
(Gamma rays)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

AKHMEDOV, D.; B'YADOVSKIY, G.

Metaphos in the control of scale insects. Zashch. rast. ot vred. i bol. 9 no.10:46-47 '64 (MIRA 18:1)

1. Nachal'nik Belorechenskogo otryada zashchity rastenly (for Akhmedov).

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

AKHMEDOV, D.A.; KIRYUKHINA, R.I.; B'YADOVSKIY, T.S.

Zineb against the Peronospora infection of tobacco. Zashch. rast. ot vred. i bol. 9 no.6:45-46 '64 (MIRA 17:7)

1. Starshiy fitopatolog TSentral'noy karantinnoy laboratorii Ministerstva sel'skogo khozyaystva SSSR (for Kiryukhina).
2. Nachal'nik Belorechenskogo otryada zashchity rasteniy (for Akhmedov).

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

BYAGANSKAYA, Yadviga

From my own experience. Rab.i sial no.9:10-11 S '55. (MLRA 9:1)
(Children--Management)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

USSR/Human and Animal Physiology (Normal and Pathological) T
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur Biol., No 6, 1959, 27058

Author : Byagun, Z.A.

Inst : Academy of Sciences, BSSR

Title : The Influence of Operative Exclusion of Optical, Auditory and Olfactory Analysers on Conditioned-Reflex Activity of Dog.

Orig Pub : Izv. AN BSSR. Ser. biol. n., 1957, No 2, 123-130

Abstract : In 2 dogs, after injury of three basic distant receptory systems (consecutively; suturing of eyelids, removal of pinnae with filling up of auditory canal and middle ear with wax, and layer-wise suturing of the wound; after 2 weeks- transection of olfactory tract and removal of olfactory bulbs were performed) sharp and prolonged

Card 1/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

USSR/Human and Animal Physiology (Normal and Pathological)
Nervous System. Nervous Activity. Behavior. T

Abs Jour : Ref Zhur Biol., No 6, 1959, 27058

weakening of closing cortical function, prevalence (increase) of inhibitory process, change in behavior in freedom and in laboratory, increased sleepiness were observed. Various degree of disturbances of higher nervous activity in experimental animals with the same character of changes could have depended on typological differences and, possibly, on incomplete exclusion of separate analysers. -- K.S. Ratner

Card 2/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

VIDAVSKIY, L.M.; KOVAL'CHUK, V. Yu.; BYAKHOVA, N.I.; IPPOLITOVA, Ye.A.

Enthalpy of oxidation with hydrogen peroxide of uranium (IV) sulfate terahydrate and octahydrate. Zhur. neorg. khim. 9 no.6:1489-1491 Je '63 (MIRA 17:8)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova, kafedra neorganicheskoy khimii.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

VIDAVSKIY, L.M.; BYAKHOVA, N.I.; IPPOLITOVA, Ye.A.

Enthalpy of the reaction of γ-UO_3 with hydrofluoric acid and the enthalpy of γ-UO_3 formation. Zhur. neorg. khim. 10 no.7:1746-1747 Jl '65. (MIRA 18:8)

1. Kafedra neorganicheskoy khimii Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

VIDAVSKIY, L.M.; KOVAL'CHUK, V.Yu.; BYAKHOVA, N.I.; IPPOLITOVA, Ye.A.

Enthalpy of the reaction of amorphous uranium trioxide with sulfuric acid. Vest. Mosk. un. Ser. 2: Khim. 19 no.5:65-68 S-O '64. (MIRA 17:11)

1. Kafedra neorganicheskoy khimii Moskovskogo universiteta.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

VLDAVSKIY, L.M.; BYAKHOVA, N.I.; KOVAL'CHUK, V.Yu.; IPTOLITOVA, Ye.A.

Preparation of amorphous uranium trioxide by thermal decomposition of uranium peroxide dihydrate. Vest.Mosk.un.Ser.2:Khim. 19 no.4:33-34 Jl-Ag '64. (MIRA 18:8)

1. Kafedra neorganicheskoy khimii Moskovskogo universiteta.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

KARPOV, Vladimir Timofeyevich, kandidat ekonomicheskikh nauk; BYAKIN, A.S., redaktor; TRUSHKINA, T.M., tekhnicheskiy redaktor

[Industrial development of Irkutsk Province] Industrial'noe razvitie Irkutskoi oblasti. Irkutsk, Irkutskoe knizhnoe izd-vo, 1955. 55 p. [Microfilm] (MLRA 10:7)

1. Chlen Vsesoyuznogo obshchestva po rasprostraneniyu politicheskikh i nauchnykh znaniy (for Karpov)
(Irkutsk Province--Industries)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8

GAL'PERN, S.A. (Moskva); LOPSHITS, A.M. (Moskva); BALK, M.B. (Smolensk); ZHAROV, V.A. (Yaroslavl'); BYAKIN, V.I. (L'vov); ARNOL'D, V.I. (Moskva); MANIN, I.Yu. (Moskva); DYNKIN, Ye.B. (Moskva); PROIZVOLOV, V. (Moskva); ALEKSANDROV, A.D. (Leningrad); VITUSHKIN, A.G. (Moskva).

Problems of elementary mathematics. Mat. pros. no.3:267-270 '58. (Mathematics--Problems, exercises, etc.) (MIRA 11:9)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307820012-8"